11/26/84
A 0300-1

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
NOVEMBER 20, 1984

ARI ANNOUNCES SEPTEMBER UNITARY SHIPMENTS

ARLINGTON, Va. — U.S. shipments of unitary air-conditioners and heat pumps during September totalled 227,212. This was an increase of 5.9 percent compared to September 1983. Year-to-date shipments were 2,706,970, up 31.5 percent compared to January-September figures a year ago.

Included in the September figures were 47,548 shipments of heat pumps. This is a decrease of 15.9 percent compared to shipments in September 1983. Cumulative shipments of heat pumps for the first nine months of 1984 were 574,034, an increase of 26.6 percent over January-September 1983.

September factory stocks were up 47,300 units from August, and up about 112,500 units over September 1983.

September distributor shipments were up 12 percent from September 1983, and year-to-date shipments are up 25 percent.

Distributor inventories were down 37,600 units compared to August, but up some 190,000 units over September 1983.

September U.S. dollar bookings of hermetic centrifugals were up 79 percent, making the year-to-date percentage up 25 percent compared to 1983.

September U.S. dollar bookings of reciprocating liquid chillers were up 39 percent, increasing the year-to-date gain to 24 percent.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date SEPTEMBER, 1984

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS				
			CONDENSER-TYPE		U.S. TOTAL C	% CHG. FROM 1983	
			AIR OR EVAP. COOLED A	WATER COOLED B			
CONDENSED SUMMARY BY SIZE	Under 16.5		4562		4562	24.2+	
	16.5-21.9		28663		28663	9.1+	
	22-26.9		46573		46573	.7+	
	27-32.9		40487		40487	9.3+	
	33-38.9		44712	38	44750	1.8-	
	39-43.9		15339		15339	9.1+	
	44-53.9		17953		17953	13.2+	
	54-64.9		17504	73	17577	4.4+	
	65-96.9		4367	66	4433	13.1+	
	97-134.9		3300	40	3340	39.3+	
	135-184.9		1904	48	1952	55.9+	
	185-249.9		612	36	648	8.5+	
	250-319.9		331	6	337	31.1+	
	320-379.9		141	17	158	12.7-	
	380-539.9		121	17	138	22.9-	
	540-639.9		109	8	117	56.0+	
	640 and over		181	4	185	48.0+	
	TOTAL		226859	353	227212	5.9	

A0300-1A

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
December 12, 1984

Unitary shipments

October gain is slight,
but year still +28.5%

ARLINGTON, Va. -- U.S. shipments of unitary air-conditioners and heat pumps during October totalled 220,577. This was an increase of 0.4 percent compared to October 1983. Year-to-date shipments were 2,927,547, up 28.5 percent compared to January-October figures a year ago.

Included in the October figures were 61,264 shipments of heat pumps. This is a decrease of 3.4 percent compared to shipments in October 1983. Cumulative shipments of heat pumps for the first 10 months of 1984 were 635,298, an increase of 22.9 percent over January-October 1983.

October factory stocks were up 57,000 units from September, and up about 139,600 units over October 1983.

October distributor shipments were up 14 percent from October 1983, and year-to-date shipments are up 24 percent.

Distributor inventories were down 19,800 units compared to September, and up some 162,000 units over October 1983.

October U.S. dollar bookings of hermetic centrifugals were down 12 percent, but the year-to-date percentage is up 21 percent compared to 1983.

October U.S. bookings of reciprocating liquid chillers were up 21 percent, increasing the year-to-date gain to 24 percent.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date OCTOBER 1984

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1983
CONDENSED SUMMARY BY SIZE	Under 16.5		5677		5677	11.7+
	16.5-21.9		33787		33787	11.1+
	22-26.9		46773		46773	1.0+
	27-32.9		33988		33988	8.7-
	33-38.9		40634	70	40704	1.0+
	39-43.9		14008		14008	17.1-
	44-53.9		16793		16793	.2-
	54-64.9		16970	112	17082	5.0+
	65-96.9		4391	59	4450	11.3+
	97-134.9		3187	63	3250	10.1+
	135-184.9		1970	53	2023	8.4+
	185-249.9		639	70	709	33.5+
	250-319.9		389	26	415	26.5+
	320-379.9		275	29	304	7.0+
	380-539.9		270	37	307	74.4+
	540-639.9		81	27	108	12.9-
	640 and over		186	13	199	35.4+
	TOTAL		220018	559	220577	.4+

A0300-1A

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
January 22, 1985

Unitary shipments

It was a record year: 3 million +

ARLINGTON, VA. -- U.S. shipments of unitary air conditioners and heat pumps during November totalled 174,238, which sent shipments soaring past the 3 million annual mark for the first time in industry history.

Although the November 1984 shipments were 8.7 percent lower than November 1983, the year-to-date shipments reached 3,101,785, up 25.6 percent from the 1983 January-November figures.

Included in the November figures were 49,264 shipments of heat pumps. This is a decrease of 9.9 percent compared to shipments in November 1983. Cumulative shipments of heat pumps for the first 11 months of 1984 were 684,562, an increase of 19.8 percent over January-November 1983.

November factory stocks were down 4,100 units from October, but were up about 129,000 units over November 1983.

November distributor shipments were up 5 percent from November 1983, and year-to-date shipments are up 23 percent.

Distributor inventories were down 9,800 units compared to October, and up some 137,400 units over November 1983.

November U.S. dollar bookings of hermetic centrifugals were down 19 percent, making the year-to-date percentage up 15 percent compared to 1983.

November U.S. dollar booksing of reciprocating liquid chillers were down 13 percent, reducing the year-to-date gain to 20 percent.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date NOVEMBER 1984

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1983
CONDENSED SUMMARY BY SIZE	Under 16.5		5436		5436	81.6+
	16.5-21.9		21934		21934	5.8-
	22-26.9		37059		37059	15.8-
	27-32.9		27352		27352	19.7-
	33-38.9		31303	42	31345	15.1-
	39-43.9		11985		11985	5.3-
	44-53.9		15032		15032	1.8-
	54-64.9		14236	103	14339	3.3+
	65-96.9		3728	42	3770	14.2+
	97-134.9		2507	42	2549	31.2+
	135-184.9		1488	55	1543	8.0+
	185-249.9		599	33	632	41.1+
	250-319.9		286	30	316	43.6+
	320-379.9		280	36	316	117.9+
	380-539.9		187	39	226	91.5+
	540-639.9		172	12	184	174.6+
	640 and over		211	9	220	94.7+
	TOTAL		173795	443	174238	8.7-

A0388-1A

Unitary shipments, Page 1

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
February 20, 1985

Unitary shipments

1984, bye George, was best yet!

ARLINGTON, Va. -- Record achievements last year by industries such as air conditioning and refrigeration may yet rescue 1984 from the gloomy notoriety of George Orwell's book 1984.

U.S. shipments of unitary air conditioners and heat pumps during December totalled 206,643, which boosted the industry record year figure to 3,308,428. This was 4.1 percent more than December 1983, and 24 percent more than all of 1983.

(In November the shipments had soared past the 3 million mark for the first time in industry history.)

Included in the December figures were 60,633 shipments of heat pumps. This is an increase of 4.2 percent compared to shipments in December 1983. Cumulative shipments of heat pumps for all of 1984 were 745,195, an increase of 18.3 percent over January-December 1983.

December factory stocks were down 45,582 units from November, but were up about 55,000 units over December 1983.

December distributor shipments were up 12 percent from December 1983, and total year shipments are up 22 percent.

Distributor inventories were down 49,000 units compared to November, but up some 118,700 units over December 1983.

December U.S. dollar bookings of hermetic centrifugals were up 9 percent, making the total 1984 percentage up 15 percent compared to 1983.

December U.S. dollar bookings of reciprocating liquid chillers were down 19 percent, increasing the total 1984 gain to 16 percent.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date DECEMBER, 1984

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS				
			CONDENSER-TYPE		U.S. TOTAL C	% CHG. FROM 1983	
			AIR OR EVAP. COOLED A	WATER COOLED B			
CONDENSED SUMMARY BY SIZE	Under 16.5		7124		7124	20.2+	
	16.5-21.9		27316		27316	6.4-	
	22-26.9		44391		44391	3.6-	
	27-32.9		32673		32673	.8-	
	33-38.9		40026	33	40059	9.2+	
	39-43.9		13660		13660	4.4+	
	44-53.9		14583		14585	6.7+	
	54-64.9		16501	76	16577	20.4+	
	65-96.9		3360	30	3390	3.4+	
	97-134.9		2784	46	2830	13.2+	
	135-184.9		1423	26	1449	2.0-	
	185-249.9		762	50	812	32.6+	
	250-319.9		388	16	404	11.1+	
	320-379.9		242	33	275	5.8+	
	380-539.9		182	11	193	3.2+	
	540-639.9		152	2	154	51.0+	
	640 and over		201	9	210	35.5+	
	TOTAL		206271	372	206643	4.1	

3/29/85 A0300-1

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
March 25, 1985

Unitary shipments

January pace 17% over 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during January totalled 267,152, an increase of 14.3 percent over January 1984.

Included were 66,175 shipments of heat pumps, 13.8 percent more than January a year ago.

January factory stocks were down some 2,700 units from December, but were up about 24,000 units over January 1984.

January distributor shipments were up 17 percent from January 1984.

Distributor inventories were up about 14,300 units compared to December, and up 74,000 units compared to January 1984.

January U.S. dollar bookings of hermetic centrifugals were up 186 percent over January 1984.

January U.S. dollar bookings of reciprocating liquid chillers were up 84 percent compared to January 1984.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date JANUARY 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		6386		6386	97.1+
	16.5-21.9		30362		30362	9.2+
	22-26.9		60953		60953	17.8+
	27-32.9		50624		50624	7.8+
	33-38.9		53461	41	53502	7.2+
	39-43.9		18192		18192	14.1+
	44-53.9		19563		19563	14.0+
	54-64.9		18799	67	18866	30.9+
	65-96.9		3531	38	3569	32.7+
	97-134.9		2248	33	2281	34.6+
	135-184.9		1401	27	1428	26.0+
	185-249.9		434	39	473	14.8+
	250-319.9		219	8	227	.9+
	320-379.9		193	23	216	91.2+
	380-539.9		174	14	188	39.3+
	540-639.9		93	29	122	67.1+
	640 and over		178	22	200	36.1+
	TOTAL		266811	341	267152	14.3

A0300-1A

News

From Air-Conditioning and Refrigeration Institute • 1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209
For further information contact: Mike Heininger (703)524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
April 8, 1985

Unitary shipments -----

February drops 14.4% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during February totalled 223,423, a decrease of 14.4 percent compared to February 1984. Year-to-date shipments were 490,575, down 0.9 percent from January-February 1984.

Included were 50,965 shipments of heat pumps, 13.9 percent less than February a year ago. Cumulative shipments of heat pumps for the first two months of 1985 were 117,140, virtually no change from January-February 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers is not available until about the 20th of each month. This supplementary information will continue to be reported each month in our Koldfax newsletter, but will not be duplicated by news release. If you need any of these figures before the Koldfax arrives, please telephone us. -- MWH

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date FEBRUARY 1985

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	
CONDENSED SUMMARY BY SIZE	Under 16.5		3715	30	3745	9.5-
	16.5-21.9		27714		27714	7.5-
	22-26.9		50076		50076	22.1-
	27-32.9		38052		38052	26.9-
	33-38.9		43514	65	43579	16.0-
	39-43.9		15629		15629	[illegible]8-
	44-53.9		17814		17814	6.6+
	54-64.9		17369	103	17472	9.8+
	65-96.9		3716	64	3780	.5+
	97-134.9		2484	39	2523	1.4+
	135-184.9		1459	49	1508	7.8+
	185-249.9		518	19	537	19.1+
	250-319.9		284	27	311	27.5+
	320-379.9		191	25	216	13.1+
	380-539.9		138	17	155	1.9-
	540-639.9		78	18	96	15.0-
	640 and over		200	16	216	36.7+
	TOTAL		222951	472	223423	14.4-

News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

A0300-1A

FOR IMMEDIATE RELEASE
May 2, 1985

FOR MORE INFO: Mike Heininger
(703) 524-8800, telex 89-2351

Unitary shipments -----

March increases 1.8% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during March totalled 305,789, an increase of 1.8 percent over March 1984. Year-to-date shipments were 796,364, up 0.1 percent from January-March 1984.

Included were 69,003 shipments of heat pumps, 1.4 percent more than March a year ago. Cumulative shipments of heat pumps for the first quarter of 1985 were 186,143, an increase of 0.4 percent over January-March 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about May 10. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- MWH

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date MARCH 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER TYPE		U.S. TOTAL C	% CHG. FROM 1984
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		6504		6504	10.1+
	16.5-21.9		38016	1	33017	5.9+
	22-26.9		68584		68584	.2+
	27-32.9		57345		57345	8.7+
	33-38.9		57568	87	57655	10.7-
	39-43.9		19756		19756	6.3-
	44-53.9		23676		23676	15.8+
	54-64.9		21895	201	22096	6.1+
	65-96.9		4781	101	4882	15.3+
	97-134.9		3096	119	3215	9.4+
	135-184.9		1903	39	1942	8.7+
	185-249.9		673	24	697	22.1+
	250-319.9		433	29	462	42.6+
	320-379.9		252	25	277	40.6+
	380-539.9		197	30	227	11.8+
	540-639.9		152	19	171	74.5+
	640 and over		263	20	283	81.4+
	TOTAL		305094	695	305789	1.8

News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

A0300-1A

FOR IMMEDIATE RELEASE
May 13, 1985

FOR MORE INFO: Mike Heininger
(703) 524-8800, telex 89-2351

Unitary shipments -----

March increases 1.8% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during March totalled 305,789, an increase of 1.8 percent over March 1984. Year-to-date shipments were 796,364, up 0.1 percent from January-March 1984.

Included were 69,003 shipments of heat pumps, 1.4 percent more than March a year ago. Cumulative shipments of heat pumps for the first quarter of 1985 were 186,143, an increase of 0.4 percent over January-March 1984.

March factory stocks were up 20,400 units from February, and up 61,400 units over March 1984.

March distributor shipments were up 10 percent from March 1984; year-to-date shipments are up 10 percent.

Distributor inventories were up 2,300 units compared to February, and up some 14,000 units over March 1984.

March U.S. dollar bookings of hermetic centrifugals were up 5 percent, making the year-to-date percentage up 69 percent compared to 1984.

March U.S. dollar bookings of reciprocating liquid chillers were down 7 percent, but the year-to-date was 24 percent over 1984.

(Condensed Summary by Size previously provided in May 2 release.)

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News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

A0300-1A

FOR IMMEDIATE RELEASE
June 5, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

April falls 5% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during April totalled 300,186, a decrease of 5.0 percent from April 1984. Year-to-date shipments were 1,096,550, down 1.3 percent from January-April 1984.

Included were 58,049 shipments of heat pumps, 8.6 percent less than April a year ago. Cumulative shipments of heat pumps for the first four months of 1985 were 244,192, a decrease of 1.9 percent from January-April 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about June 12. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date APRIL, 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		5476		5476	1.2-
	16.5-21.9		33672		33672	11.3-
	22-26.9		63496		63496	3.1-
	27-32.9		52542		52542	12.8-
	33-38.9		66034	80	66114	9.4+
	39-43.9		20581		20581	30.6-
	44-53.9		25168		25168	14.7+
	54-64.9		20958	150	21108	6.4-
	65-96.9		4805	64	4869	6.8-
	97-134.9		3502	60	3562	6.1+
	135-184.9		1841	61	1902	4.9+
	185-249.9		507	43	550	9.2-
	250-319.9		218	44	262	19.9-
	320-379.9		254	61	315	19.8+
	380-539.9		216	48	264	9.5+
	540-639.9		157	6	163	16.4+
	640 and over		130	12	142	8.4-
	TOTAL		299557	629	300186	5.0-

News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

FOR IMMEDIATE RELEASE
June 5, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Field-engineered equipment -----

Estimated installed value climbs 9.7% in 1984

ARLINGTON, Va. - The estimated installed value of field-engineered air-conditioning equipment in the United States climbed 9.7 percent in 1984 to $5,303,865,000, up from $4,834,200,000 in 1983.

Estimated installed value of unitary equipment jumped 25.8 percent, from $7,125,914,000 in 1983 to $8,963,353,000 in 1984. Combined, the estimated installed value of unitary equipment and field-engineered equipment, not including window air conditioners, rose 19.3 percent to $14,267,218,000.

Determinations of the installed value figure for field-engineered systems assume that only 7.5 percent of a system's cost represents the basic refrigeration machine. The remaining 92.5 percent represents air-handling equipment, labor, ducts, controls, plumbing, and other installation costs.

Field-engineered systems represented in this summary are the largest air conditioning systems, ranging in size from 20-ton capacity on up. In contrast to unitary equipment, field engineered systems are assembled on site.

(more)

ESTIMATED INSTALLED VALUE OF FIELD-ENGINEERED EQUIPMENT

YEAR	VALUE ($)
1969	1,999,267,000
1970	2,136,040,000
1971	2,120,120,000
1972	1,945,293,000
1973	1,968,547,000
1974	2,082,507,000
1975	2,308,494,000
1976	1,915,227,000
1977	1,969,920,000
1978	2,066,920,000
1979	2,447,173,000
1980	3,438,600,000
1981	3,669,120,000
1982	3,605,533,000
1983	4,834,200,000
1984	5,303,865,000

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News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

FOR IMMEDIATE RELEASE
June 5, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary air-conditioning equipment -----

Estimated installed value jumps 25.8% in 1984

ARLINGTON, Va. -- The estimated installed value of unitary air-conditioning equipment in the United States jumped 25.8 percent from 1983 to 1984, exceeding $8 billion for the first time and almost reaching $9 billion.

The Air-Conditioning and Refrigeration Institute reports that installed value of unitary equipment was $8,963,353,000 in 1984, a substantial increase over the 1983 $7,125,914,000 figure.

Commercial installations accounted for $3,100,712,000 of the total installed equipment while residential unitary installed equipment amounted to $5,862,641,000. These estimates, compiled from information supplied by manufacturers, are provided by ARI's Business Research Department.

"Installed value" includes the cost of a unitary air conditioner as shipped from the factory plus the cost of labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring, and other components of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

The following totals show the growth of the unitary air-conditioning market over the past 29 years, particularly in central residential installations.

(more)

ESTIMATED INSTALLED VALUE OF UNITARY AIR CONDITIONERS

YEAR	RESIDENTIAL	COMMERCIAL	TOTAL
1956	$174,011,400	$290,796,100	$464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759,074	2,745,256,103
1972	2,163,792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,253	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,974
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,624,988	1,945,812,933	5,936,442,921
1980	3,355,429,440	1,830,580,224	5,186,009,644
1981	3,795,551,720	2,268,348,029	6,081,899,749
1982	3,328,428,632	1,875,735,504	5,204,164,136
1983	4,935,690,000	2,190,224,000	7,125,914,000
1984	5,862,641,000	3,100,712,000	8,963,353,000

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ARI
News Release
From the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

FOR IMMEDIATE RELEASE
June 5, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary equipment shipments -----

Commercial paces 1984 surge

ARLINGTON, Va. - Shipments of unitary air-conditioning equipment for use in both commercial and residential installations increased significantly in 1984, according to the Air-Conditioning and Refrigeration Institute.

Equipment for use in residential installations increased 17.1 percent in 1984, while equipment for use in commercial installations surged 65.2 percent. The estimated residential units shipped totalled 2,678,748 in 1984, representing 81.0 percent of installed equipment. The other 19.0 percent of installed equipment was the estimated 629,680 commercial units shipped.

Total value of shipments exceed $3 billion for the first time, reaching $3,405,126 by the end of 1984.

The 1984 figures are in marked contrast to those of 31 years earlier when such statistics first were available. In 1953, 66.9 percent of unitary shipments were for commercial installations and only 33.1 percent were for residential installations. Two years later, however, in 1955, residential units accounted for 56.5 percent of units shipped. Since then, increases in residential units shipped have continued to outdistance gains in commercial units shipped.

Following are year-by-year summaries highlighting the changing distribution patterns of residential and commercial unitary air-conditioning equipment. The role of exports is apparent from data after 1960, the first year export statistics were available.

(more)

	VALUE ($)	PERCENT
1953		
Residential	41,992	33.1
Commercial	84,821	66.9
Total	126,813	
1954		
Residential	80,001	49.7
Commercial	80,908	50.3
Total	160,909	
1955		
Residential	111,158	56.5
Commercial	85,703	43.5
Total	196,861	
1956		
Residential	147,224	57.9
Commercial	107,179	42.1
Total	254,403	
1957		
Residential	126,071	58.1
Commercial	90,971	41.9
Total	217,042	
1958		
Residential	140,988	61.2
Commercial	89,553	38.8
Total	230,541	
1959		
Residential	191,923	62.6
Commercial	114,891	37.4
Total	306,814	
1960		
Residential	217,148	63.7
Commercial	123,974	36.3
U.S. Shipments	341,122	
Export Shipments	9,300	
Total Shipments	350,442	
1961		
Residential	238,206	66.9
Commercial	118,000	33.1
U.S. Shipments	356,206	
Export Shipments	9,558	
Total Shipments	365,764	

(more)

		VALUE ($)	PERCENT
1962			
	Residential	305,190	67.0
	Commercial	150,318	33.0
	U.S. Shipments	455,508	
	Export Shipments	12,211	
	Total Shipments	467,719	
1963			
	Residential	400,759	70.8
	Commercial	164,896	29.2
	U.S. Shipments	565,655	
	Export Shipments	14,444	
	Total Shipments	580,099	
1964			
	Residential	483,593	70.7
	Commercial	200,743	29.3
	U.S. Shipments	684,336	
	Export Shipments	17,233	
	Total Shipments	701,569	
1965			
	Residential	580,997	72.1
	Commercial	224,743	27.9
	U.S. Shipments	805,740	
	Export Shipments	20,682	
	Total Shipments	826,422	
1966			
	Residential	652,736	69.6
	Commercial	285,147	30.4
	U.S. Shipments	937,883	
	Export Shipments	20,663	
	Total Shipments	958,546	
1967			
	Residential	714,025	69.9
	Commercial	308,027	30.1
	U.S. Shipments	1,022,052	
	Export Shipments	25,179	
	Total Shipments	1,047,231	
1968			
	Residential	847,387	70.4
	Commercial	356,812	29.6
	U.S. Shipments	1,204,199	
	Export Shipments	30,412	
	Total Shipments	1,234,611	

(more)

	VALUE ($)	PERCENT
1969		
Residential	1,174,570	73.3
Commercial	426,774	26.7
U.S. Shipments	1,601,344	
Export Shipments	33,681	
Total Shipments	1,635,025	
1970		
Residential	1,172,223	74.6
Commercial	399,768	25.4
U.S. Shipments	1,571,991	
Export Shipments	44,027	
Total Shipments	1,616,018	
1971		
Residential	1,408,413	76.8
Commercial	424,905	23.2
U.S. Shipments	1,833,318	
Export Shipments	43,561	
Total Shipments	1,876,879	
1972		
Residential	1,826,519	76.3
Commercial	565,811	23.7
U.S. Shipments	2,392,330	
Export Shipments	44,125	
Total Shipments	2,436,455	
1973		
Residential	2,147,546	77.6
Commercial	620,246	22.4
U.S. Shipments	2,767,792	
Export Shipments	71,642	
Total Shipments	2,839,434	
1974		
Residential	1,889,577	79.1
Commercial	499,847	20.9
U.S. Shipments	2,389,424	
Export Shipments	99,404	
Total Shipments	2,488,828	
1975		
Residential	1,174,578	76.2
Commercial	366,906	23.8
U.S. Shipments	1,541,484	
Export Shipments	81,013	
Total Shipments	1,622,487	

(more)

		VALUE ($)	PERCENT
1976			
	Residential	1,700,682	78.8
	Commercial	458,528	21.2
	U.S. Shipments	2,159,210	
	Export Shipments	168,349	
	Total Shipments	2,327,559	
1977			
	Residential	1,999,924	81.2
	Commercial	464,516	18.8
	U.S. Shipments	2,464,440	
	Export Shipments	150,681	
	Total Shipments	2,615,121	
1978			
	Residential	2,284,530	84.2
	Commercial	430,107	15.8
	U.S. Shipments	2,714,637	
	Export Shipments	106,842	
	Total Shipments	2,821,479	
1979			
	Residential	2,128,237	80.5
	Commercial	522,360	19.5
	U.S. Shipments	2,680,597	
	Export Shipments	113,313	
	Total Shipments	2,793,910	
1980			
	Residential	1,720,849	79.4
	Commercial	455,865	20.6
	U.S. Shipments	2,166,714	
	Export Shipments	126,366	
	Total Shipments	2,293,080	
1981			
	Residential	1,828,991	77.3
	Commercial	538,492	22.7
	U.S. Shipments	2,367,483	
	Export Shipments	130,769	
	Total Shipments	2,498,252	
1982			
	Residential	1,465,094	78.7
	Commercial	396,149	21.3
	U.S. Shipments	1,861,243	
	Export Shipments	98,280	
	Total Shipments	1,959,523	

(more)

		VALUE ($)	PERCENT
1983			
	Residential	2,287,159	85.7
	Commercial	381,162	14.3
	U.S. Shipments	2,668,321	
	Export Shipments	76,407	
	Total Shipments	2,744,728	
1984			
	Residential	2,678,748	81.0
	Commercial	629,680	19.0
	U.S. Shipments	3,308,428	
	Export Shipments	96,698	
	Total Shipments	3,405,126	

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ARI
News Release
From the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

A0300-1A

FOR IMMEDIATE RELEASE
June 12, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

April falls 5% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during April totalled 300,186, a decrease of 5.0 percent from April 1984. Year-to-date shipments were 1,096,550, down 1.3 percent from January-April 1984.

Included were 58,049 shipments of heat pumps, 8.6 percent less than April a year ago. Cumulative shipments of heat pumps for the first four months of 1985 were 244,192, a decrease of 1.9 percent from January-April 1984.

April factory stocks were up 65,800 units from March, up about 93,500 units over April 1984.

April distributor shipments were up 2 percent from April 1984, and year-to-date shipments are up 7 percent.

Distributor inventories were up 20,100 units compared to March, but down some 7,700 units from April 1984.

April U.S. dollar bookings of hermetic centrifugals were up 106 percent, making the year-to-date percentage up 79 percent compared to 1984.

April U.S. dollar bookings of reciprocating liquid chillers were up 15 percent, increasing the year-to-date gain to 21 percent.

(Condensed Summary by Size previously provided in June 5 release.)

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News Release

From the Air-Conditioning and Refrigeration Institute

1501 Wilson Blvd., 6th Floor, Arlington, Virginia 22209

FOR IMMEDIATE RELEASE
June 12, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Correction-----

In a June 5, 1985 ARI news release, "Commercial paces 1984 surge," the column reading "value" should have read "units."

ARI regrets the error and trusts that this update will clarify any resulting confusion.

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ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0300-1A

FOR IMMEDIATE RELEASE
July 9, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

May drops 5.5% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during May totalled 324,777, a decrease of 5.5 percent from May 1984. Year-to-date shipments were 1,421,327, down 2.3 percent from January-May 1984.

Included were 70,235 shipments of heat pumps, 2.3 percent less than May a year ago. Cumulative shipments of heat pumps for the first five months of 1985 were 314,427, a decrease of 2.0 percent from January-May 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about July 16. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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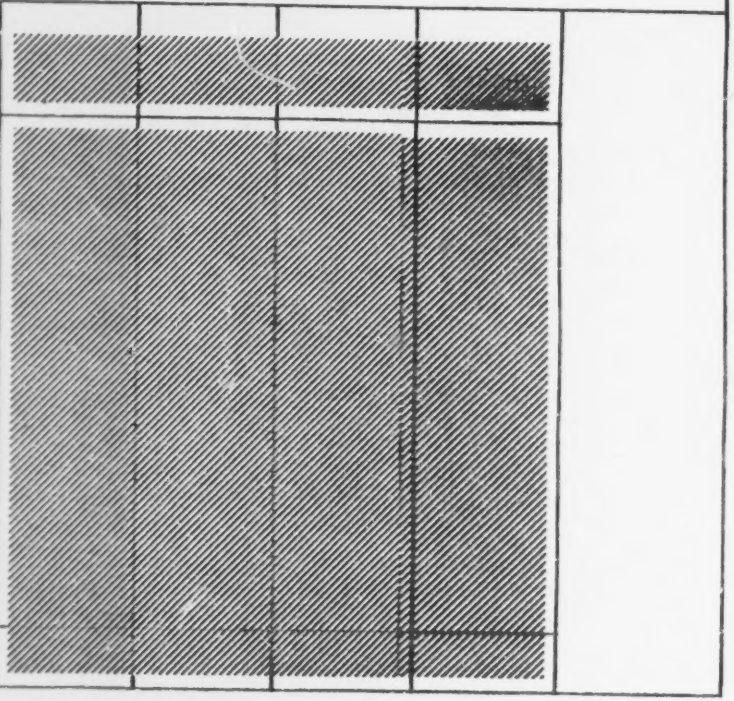
AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

Date MAY 1985

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		9672		9672	69.3+
	16.5-21.9		38691		38691	1.1+
	22-26.9		70277		70277	6.0-
	27-32.9		53710		53710	17.7-
	33-38.9		68632	118	68750	6.7-
	39-43.9		21735		21735	9.7-
	44-53.9		24876		24876	.9+
	54-64.9		23745	244	23989	1.0-
	65-96.9		5061	137	5198	2.8-
	97-134.9		3294	120	3414	3.7-
	135-184.9		2310	53	2363	3.2+
	185-249.9		795	33	828	27.0+
	250-319.9		306	35	341	17.8-
	320-379.9		309	47	356	43.5+
	380-539.9		215	19	234	6.4-
	540-639.9		124	25	149	1.4+
	640 and over		172	22	194	23.6+
	TOTAL		323924	853	324777	5.5-



ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0300-1A

FOR IMMEDIATE RELEASE
July 18, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

May drops 5.5% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during May totalled 324,777, a decrease of 5.5 percent from May 1984. Year-to-date shipments were 1,421,327, down 2.3 percent from January-May 1984.

Included were 70,235 shipments of heat pumps, 2.3 percent less than May a year ago. Cumulative shipments of heat pumps for the first five months of 1985 were 314,427, a decrease of 2.0 percent from January-May 1984.

May factory stocks were up 16,500 units over March, up about 120,300 units over May 1984.

May distributor shipments were down 5 percent from May 1984, but year-to-date shipments are up 4 percent.

Distributor inventories were up 29,300 units compared to April, but down some 10,500 units from May 1984.

May U.S. dollar bookings of hermetic centrifugals were up 14 percent, making the year-to-date percentage up 64 percent compared to 1984.

May U.S. dollar bookings of reciprocating liquid chillers were down 7 percent, increasing the year-to-date gain to 15 percent.

(Condensed Summary by Size previously provided in July 9 release.)

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ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A 0300-1A

FOR IMMEDIATE RELEASE
August 23, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

June drops 13% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during June totalled 364,660, a decrease of 13 percent from June 1984. Year-to-date shipments were 1,785,987, down 4.7 percent from January-June 1984.

Included were 74,004 shipments of heat pumps, 1.5 percent less than June a year ago. Cumulative shipments of heat pumps for the first six months of 1985 were 38[illegible]1, a decrease of 1.9 percent from January-June 1984.

June factory stocks were down 98,281 units over May, but up about 60,509 units over June 1984.

June distributor shipments were down 17 percent from June 1984, and year-to-date shipments are down 3 percent.

Distributor inventories were up 14,341 units compared to May, and up 48,513 units from June 1984.

June U.S. dollar bookings of hermetic centrifugals were roughly the same as June 1984, making the year-to-date percentage up 49 percent compared to 1984.

June U.S. dollar bookings of reciprocating liquid chillers were up 14 percent, sustaining the year-to-date gain at 15 percent.

(See reverse side for Condensed Summary by Size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date JUNE 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		7659		7659	21.5+
	16.5-21.9		40597		40597	1.5-
	22-26.9		74445		74445	20.7-
	27-32.9		64088		64088	20.7-
	33-38.9		79216	102	79318	11.9-
	39-43.9		26086		26086	8.8-
	44-53.9		28576		28576	17.3-
	54-64.9		27489	255	27744	2.5-
	65-96.9		6429	138	6567	2.3-
	97-134.9		4293	89	4382	8.7+
	135-184.9		2828	43	2871	14.2+
	185-249.9		810	39	849	37.2+
	250-319.9		457	38	495	21.0+
	320-379.9		274	39	313	4.6-
	380-539.9		210	36	246	2.8-
	540-639.9		121	21	142	8.4-
	640 and over		269	13	282	56.7+
	TOTAL		363847	813	364660	13.0-

ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

A0500-14

FOR IMMEDIATE RELEASE
September 11, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

July drops 8.3% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during July totalled 330,872, a decrease of 8.3 percent from July 1984. Year-to-date shipments were 2,139,366, down 4.3 percent from January-July 1984.

Included were 85,591 shipments of heat pumps, 19.1 percent more than July a year ago. Cumulative shipments of heat pumps for the first seven months of 1985 were 481,496, an increase of 2.9 percent from January-July 1984.

(See reverse side for Condensed Summary by Size.)

NOTE TO EDITORS: The preceding totals have been expedited to better meet your deadlines. Information about monthly factory stocks, distributor shipments, distributor inventories, U.S. dollar bookings of hermetic centrifugals, and U.S. dollar bookings of reciprocating liquid chillers will be added to an update release expected about September 16. The information in these two news releases also will continue to be reported each month in our Koldfax newsletter. -- Mike Heininger, Comm-PR Director

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date JULY 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		7324		7324	24.5+
	16.5-21.9		43346		43346	11.6+
	22-26.9		64368		64368	15.7-
	27-32.9		53826		53826	17.9-
	33-38.9		69317	73	69390	9.8-
	39-43.9		24096		24096	8.6-
	44-53.9		27689		27689	.5-
	54-64.9		24658	170	24828	13.1-
	65-96.9		6768	107	6875	14.8+
	97-134.9		4192	115	4307	3.9+
	135-184.9		2472	66	2538	13.2+
	185-249.9		1017	39	1056	43.3+
	250-319.9		315	38	353	16.2-
	320-379.9		243	12	255	2.8+
	380-539.9		179	32	211	17.3-
	540-639.9		123	57	180	46.3+
	640 and over		215	15	230	15.6+
	TOTAL		330148	724	330872	8.3-

News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

FOR IMMEDIATE RELEASE
September 11, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

Correction for June

ARLINGTON, Va. -- Revised U.S. shipments of unitary air conditioners and heat pumps during June totalled 387,167, a decrease of 7.6 percent from June 1984. Year-to-date shipments were 1,808,494, down 3.5 percent from January-June 1984.

The revised figures include 81,478 shipments of heat pumps, 8.5 percent more than June a year ago. Cumulative shipments of heat pumps for the first six months of 1985 were 395,905, virtually no change from a year ago.

(See reverse side for Condensed Summary by Size.)

AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date JUNE 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

UNITED STATES

CONDENSED SUMMARY BY SIZE

SIZE BTUH (000)	NUMBER OF UNITS			
	CONDENSER-TYPE		U.S. TOTAL C	% CHG. FROM 1984
	AIR OR EVAP. COOLED A	WATER COOLED B		
Under 16.5	8558		8558	35.7+
16.5-21.9	44927		44927	9.0+
22-26.9	79462		79462	15.4-
27-32.9	68026		68026	15.8-
33-38.9	82412	102	82514	8.4-
39-43.9	27345		27345	4.4-
44-53.9	29713		29713	14.0-
54-64.9	29364	255	29619	4.0+
65-96.9	6853	138	6991	4.0+
97-134.9	4607	89	4696	16.5+
135-184.9	2901	43	2944	17.1+
185-249.9	855	39	894	44.4+
250-319.9	457	38	495	21.0+
320-379.9	274	39	313	4.6-
380-539.9	210	36	246	2.8-
540-639.9	121	21	142	8.4-
640 and over	269	13	282	56.7+
TOTAL	386354	813	387167	7.6-

ARI
News Release
from the Air-Conditioning and Refrigeration Institute
1501 Wilson Blvd., 6th Floor, Arlington, VA 22209 • (703) 524-8800

10/11/85

A0300-1A

FOR IMMEDIATE RELEASE
October 11, 1985

FOR MORE INFO: Bruce K. Davis
(703) 524-8800, telex 89-2351

Unitary shipments -----

August increases 9.1% from 1984

ARLINGTON, Va. -- U.S. shipments of unitary air conditioners and heat pumps during August totalled 267,112, an increase of 9.1 percent over August 1984.

Year-to-date shipments were 2,406,478, down 3 percent from January-August 1984.

Included were 71,107 shipments of heat pumps, 21.2 percent more than August a year ago. Cumulative shipments of heat pumps for the first eight months of 1985 were 552,603, an increase of 5 percent over January-August 1984.

August factory stocks were down 107,300 units from July, but up about 83,200 units over August 1984.

August distributor shipments were up 13 percent from August 1984, and year-to-date shipments are up 1 percent.

Distributor inventories were down 700 units compared to July, and down some 23,600 units from August 1984.

August U.S. dollar bookings of hermetic centrifugals were down 47 percent, but the year-to-date percentage is up 23 percent compared to 1984.

August U.S. dollar bookings of reciprocating liquid chillers were up 14 percent, and the year-to-date gain is 11 percent.

(See reverse side for Condensed Summary by Size.)

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE
1501 Wilson Blvd., Suite 600, Arlington, Virginia 22209

Date AUGUST 1985

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHG. FROM 1984
CONDENSED SUMMARY BY SIZE	Under 16.5		5217		5217	17.0+
	16.5-21.9		27040	13	27053	5.4-
	22-26.9		56885		56885	13.7+
	27-32.9		45498		45498	9.6+
	33-38.9		55480	65	55545	19.1+
	39-43.9		20481		20481	12.3+
	44-53.9		22973		22973	10.8+
	54-64.9		23340	122	23462	.2-
	65-96.9		3905	93	3998	13.6-
	97-134.9		2511	84	2595	16.3-
	135-184.9		1663	46	1709	.4+
	185-249.9		451	21	472	34.5-
	250-319.9		345	32	377	.3+
	320-379.9		233	46	279	76.6+
	380-539.9		229	12	241	29.6+
	540-639.9		91	40	131	22.4+
	640 and over		178	18	196	3.7+
	TOTAL		266520	592	267112	9.1

Air Transport Association ata OF AMERICA

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11/26/84
A0325-1

IMMEDIATE RELEASE

AIRLINE PASSENGER TRAFFIC UP 5.3% IN OCTOBER

WASHINGTON, D.C., November 21 — Airline passenger traffic rose by 5.3 percent in October, compared with October a year ago, and was up 4.0 percent for the first 10 months of the year, the Air Transport Association said today.

Domestic passenger traffic in October increased by 5.7 percent. Available seat miles were up 6.2 percent, and load factor decreased to 56.9 percent from 57.1 percent.

U.S. international traffic registered a gain of 3.5 percent in October. Available seat miles were up 5.5 percent. The load factor was 64.3 percent, down from 65.5 percent for the same month a year earlier.

For the first 10 months of 1984, domestic traffic rose 2.9 percent. Available seat miles were up 8.0 percent. The load factor was 57.5 percent, down from 60.4 percent for the first 10 months of last year.

International traffic during the first 10 months rose 9.4 percent. Available seat miles increased 6.9 percent. The load factor was 66.3 percent, up from 64.8 percent a year earlier.

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#81 11/21/84

PASSENGER TRAFFIC STATISTICS
U.S. SCHEDULED AIRLINE INDUSTRY

OCTOBER 1984 - 1983

		OCTOBER					YEAR TO DATE				
		RPM'S (000)	PCT	ASM'S (000)	PCT	LOAD FACTOR	RPM'S (000)	PCT	ASM'S (000)	PCT	LOAD FACTOR
DOMESTIC	YEAR										
MAJORS	84	15,546,872	4.5	26,970,016	4.0	57.6	155,795,122	1.0	269,281,571	6.1	57.9
	83	14,879,790		25,937,719		57.4	154,212,443		253,918,576		60.7
NATIONALS	84	1,998,058	16.6	3,870,741	24.3	51.6	20,261,552	19.7	37,008,893	25.1	54.7
	83	1,714,097		3,112,784		55.1	16,920,135		29,587,350		57.2
TOTAL	84	17,544,930	5.7	30,840,757	6.2	56.9	176,056,674	2.9	306,290,464	8.0	57.5
	83	16,593,887		29,050,503		57.1	171,132,578		283,505,926		60.4
INTERNATIONAL											
MAJORS	84	3,933,754	3.4	6,110,515	5.1	64.4	38,702,189	9.8	58,332,198	6.8	66.3
	83	3,802,829		5,814,366		65.4	35,243,246		54,593,049		64.6
NATIONALS	84	41,879	5.0	75,999	51.3	55.1	615,664	-10.1	926,951	11.2	66.4
	83	39,866		50,232		79.4	684,745		833,418		82.2
TOTAL	84	3,975,633	3.5	6,186,514	5.5	64.3	39,317,853	9.4	59,259,149	6.9	66.3
	83	3,842,695		5,864,598		65.5	35,927,991		55,426,467		64.8
SYSTEM TOTAL											
MAJORS	84	19,480,626	4.3	33,080,531	4.2	58.9	194,497,311	2.7	327,613,769	6.2	59.4
	83	18,682,619		31,752,085		58.8	189,455,689		308,511,625		61.4
NATIONALS	84	2,039,937	16.3	3,946,740	24.8	51.7	20,877,216	18.6	37,935,844	24.7	55.0
	83	1,753,963		3,163,016		55.5	17,604,880		30,420,768		57.9
TOTAL	84	21,520,563	5.3	37,027,271	6.0	58.1	215,374,527	4.0	365,549,613	7.9	58.9
	83	20,436,582		34,915,101		58.5	207,060,569		338,932,393		61.1

NOTES:
(1) CARRIERS INCLUDED: MAJORS - AMERICAN, DELTA, EASTERN, NORTHWEST, PAN AMERICAN, REPUBLIC, TRANS WORLD, UNITED, USAIR AND WESTERN.

NATIONALS - AIRCAL, ALASKA, ALOHA, BRANIFF, CAPITOL, FRONTIER, HAWAIIAN, MIDWAY, OZARK, PIEDMONT AND PSA.

(2) CONTINENTAL DATA AND NORTHWEST INTERNATIONAL DATA ARE NOT INCLUDED.

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A0325-1

IMMEDIATE RELEASE

AIR TRAVEL UP 7.4 PER CENT IN NOVEMBER UP 4.3 PER CENT IN FIRST 11 MONTHS

WASHINGTON, D.C., Dec. 20 -- Air travel increased 7.4 per cent in November compared with November of 1983, and was up 4.3 per cent for the year to date, the Air Transport Association reported today.

In domestic service, revenue passenger miles increased 7.2 per cent from November of last year. Passenger load factor for the month was 56.2 per cent, compared with 56.1 per cent last year. Available seat miles flown increased 7.0 percent.

In international service, revenue passenger miles in November increased 8.0 per cent from 1983. Passenger load factor was 60.0 per cent, compared with 57.3 per cent last year. Available seat miles increased 3.1 per cent from November 1983.

Passenger load factor for the U.S. airlines, domestic and international, was 56.8 per cent, compared with 56.2 per cent in November last year, while available seat miles increased 6.4 per cent.

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#92 12/20/84

PASSENGER TRAFFIC STATISTICS
U.S. SCHEDULED AIRLINE INDUSTRY

NOVEMBER 1984 - 1983

		NOVEMBER					YEAR TO DATE				
		RPM'S (000)	PCT	ASM'S (000)	PCT	LOAD FACTOR	RPM'S (000)	PCT	ASM'S (000)	PCT	LOAD FACTOR
DOMESTIC	YEAR										
MAJORS	84	14,654,559	6.2	25,998,837	5.8	56.4	170,449,681	1.5	295,280,408	6.0	57.7
	83	13,793,831		24,572,715		56.1	168,006,274		278,491,291		60.3
NATIONALS	84	1,903,266	15.7	3,472,506	16.9	54.8	22,164,818	19.4	40,481,399	24.3	54.8
	83	1,644,757		2,970,713		55.4	18,564,892		32,558,063		57.0
TOTAL	84	16,557,825	7.2	29,471,343	7.0	56.2	192,614,499	3.2	335,761,807	7.9	57.4
	83	15,438,588		27,543,428		56.1	186,571,166		311,049,354		60.0
INTERNATIONAL											
MAJORS	84	3,120,182	8.7	5,200,838	3.5	60.0	41,822,371	9.7	63,533,036	6.6	65.8
	83	2,871,396		5,023,406		57.2	38,114,642		59,616,455		63.9
NATIONALS	84	13,219	-56.7	24,162	-46.1	54.7	628,883	-12.1	951,113	8.3	66.1
	83	30,501		44,868		68.0	715,246		878,286		81.4
TOTAL	84	3,133,401	8.0	5,225,000	3.1	60.0	42,451,254	9.3	64,484,149	6.6	65.8
	83	2,901,897		5,068,274		57.3	38,829,888		60,494,741		64.2
SYSTEM TOTAL											
MAJORS	84	17,774,741	6.7	31,199,675	5.4	57.0	212,272,052	3.0	358,813,444	6.1	59.2
	83	16,665,227		29,596,121		56.3	206,120,916		338,107,746		61.0
NATIONALS	84	1,916,485	14.4	3,496,668	16.0	54.8	22,793,701	18.2	41,432,512	23.9	55.0
	83	1,675,258		3,015,581		55.6	19,280,138		33,436,349		57.7
TOTAL	84	19,691,226	7.4	34,696,343	6.4	56.8	235,065,753	4.3	400,245,956	7.7	58.7
	83	18,340,485		32,611,702		56.2	225,401,054		371,544,095		60.7

NOTES:
(1) CARRIERS INCLUDED: MAJORS - AMERICAN, DELTA, EASTERN, NORTHWEST, PAN AMERICAN, REPUBLIC, TRANS WORLD, UNITED, USAIR AND WESTERN.

NATIONALS - AIRCAL, ALASKA, ALOHA, BRANIFF, CAPITOL, FRONTIER, HAWAIIAN, MIDWAY, OZARK, PIEDMONT AND PSA.

(2) CONTINENTAL DATA AND NORTHWEST INTERNATIONAL DATA ARE NOT INCLUDED.